

Converting Colors

Hex(253428)

Have a look what the booklet for
Hex(253428) contains.

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Color

Hex(253428)

Conversions

Conversions Part 1

Format	Color
Hex	253428
RGB	37, 52, 40
RGB Percent	15%, 20%, 16%
CMY	0.8549, 0.7961, 0.8431
CMYK	0.29, 0.00, 0.23, 0.80
HSL	132°, 17%, 17%
HSV	132°, 29%, 20%
XYZ	2.3739, 3.0025, 2.4619
YIQ	46.1470, -5.0880, -6.9120

Conversions

Conversions Part 2

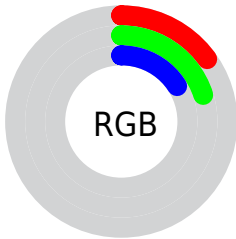
Format	Color
R_{YB}	37, 50, 52
Decimal	2438184
CIE Lab	20.05, -9.25, 5.61
CIE LCh	20, 10.817, 148.774
Yxy	3.0025, 0.3029, 0.3831
Android (android.graphics.Color)	4280628264 (0xFF253428)
YUV	46.1470, -3.0305, -8.0219
Hunter-Lab	17.3277, -5.8685, 3.7055

Details

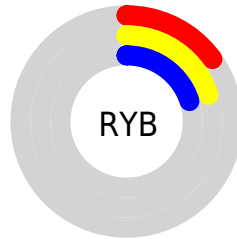
The Hex color **253428** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **342531**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **526355**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **203424**, and if you desaturate by 10%, it is **2A342C**.

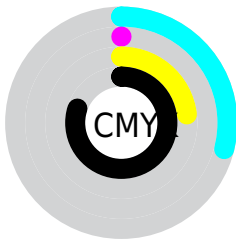
Distribution



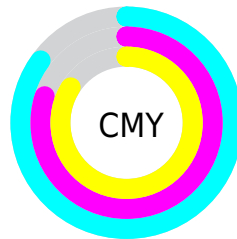
- Red (15%)
- Green (20%)
- Blue (16%)



- Red (15%)
- Yellow (20%)
- Blue (20%)



- Cyan (29%)
- Magenta (0%)
- Yellow (23%)
- Black (80%)



- Cyan (85%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253428 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 253428 by changing the saturation by 10% instead.

■ 253428

■ 253428

FFFFFF

■ 111F14

■ 526355

■ 000000

■ 6A7B6D

■ 849587

■ 9EB0A1

■ B9CBBC

■ D4E8D8

■ F1FFF4

■ 253428

■ 253428

■ 203424

■ 2A342C

■ 1B3420

■ 2F3430

■ 15341C

■ 353434

■ 103417

■ 3A3439

■ 0B3413

■ 3F343D

■ 06340F

■ 443441

■ 01340B

■ 493445

■ 00340A

■ 4F3449

■ 54344D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2E3222



253428



1D3530

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253428



263140



402B29

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



253428



342531

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



402B31



253428



312F3E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253428



1D333E



3A2C39



3D2D23

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253428



1A3535



3A2C39



412B2C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



253428



3F4540



313425



202421



A3A3A3



242424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



253428



2D4532



25342F



171A17



005912



00D92B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



342531



452D40



34252A



1A1719



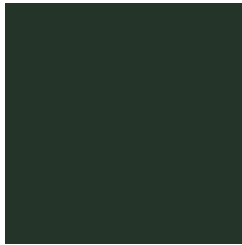
590047



D900AD

Previews

White Background



This preview shows how the Hex color 253428 looks on a white background.

Color Contrast Check

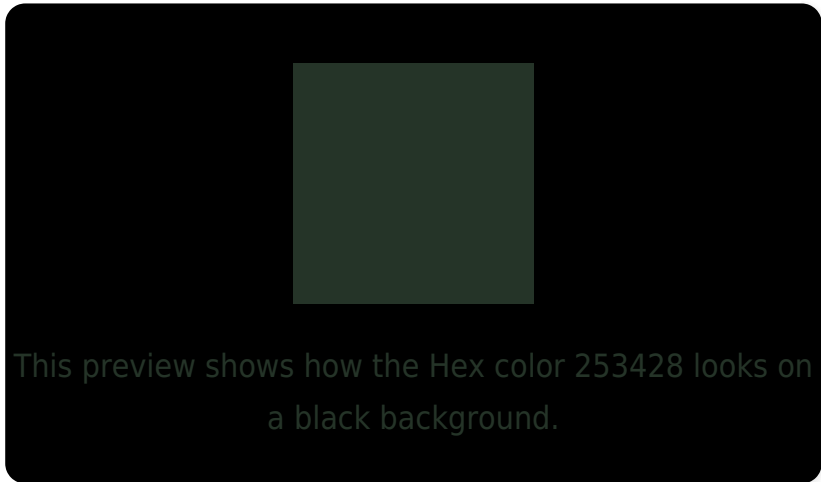
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

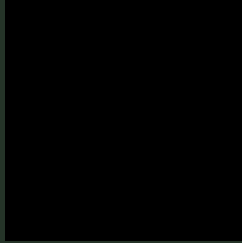
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 253428 Background



This preview shows how black text looks on a background with the Hex color 253428.

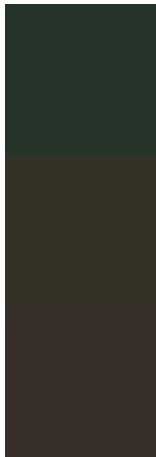


This preview shows how white text looks on a background with the Hex color 253428.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

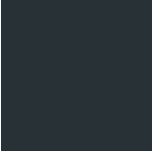
Dichromacy



Original Color
253428

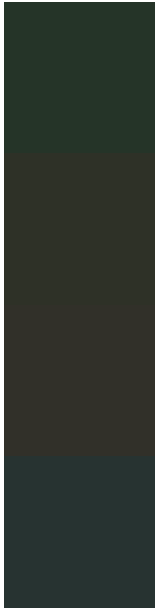
Protanopia
333026

Deuteranopia
382E29



Tritanopia
283236

Trichromacy



Original Color
253428

Protanomaly
2E3127

Deuteranomaly
313029

Tritanomaly
273331

Monochromacy



Original Color
253428

Achromatopsia
2E2E2E

Achromatomaly
2B302C

CSS Examples

Text

The CSS property to change the color of the text to Hex 253428 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #253428 looks like.

```
.text, #text, p{  
    color:#253428  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #253428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253428
}
```

Border

The CSS property to change the border of an element to Hex 253428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

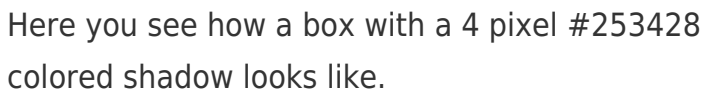
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#253428 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#253428 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #253428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253428; -webkit-box-shadow:4px 4px  
4px 4px #253428; box-shadow:4px 4px 4px  
4px #253428 }
```

Background

The CSS property to change the background color of an element to Hex 253428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253428 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#253428 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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